

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An electronic peripheral device for coupling to an electronic system, the electronic system being selectively coupled to a first wireless network or a second wireless network [[by]] through the electronic peripheral device, the electronic peripheral device comprising:

a first module with which the electronic system accesses the first wireless network, comprising a first interface; and

a second module with which the electronic system accesses the second wireless network, comprising:

a second interface coupled to the first interface for transmitting a plurality of signals between the first module and the second module;

a third interface coupled to the electronic system for transmitting a plurality of first signals or a plurality of second signals between the electronic system and the second module; and

a processor for controlling the transmission of the first signals and second signals; wherein when the electronic system is coupled to the first wireless network, the first module transmits the first signals received from the first wireless network to the electronic system through the first interface, the second interface, and the third interface in order, and transmits the first signals received from the first interface to the first wireless network; and when the electronic system is coupled to the second wireless network, the second module transmits the second signals received from the second wireless network to the electronic system through the third interface, and transmits the second signals received from the third interface to the second wireless network.

2. (Original) The electronic peripheral device as claimed in claim 1, wherein the first wireless network is a General Packet Radio Service (GPRS) network.

3. (Original) The electronic peripheral device as claimed in claim 1, wherein the first wireless network is a Global System for Mobile Communications (GSM) network.
4. (Original) The electronic peripheral device as claimed in claim 1, wherein the second wireless network is a Wireless Local Area Network (WLAN).
5. (Original) The electronic peripheral device as claimed in claim 1, wherein the first interface and the second interface are Universal Serial Bus (USB) interfaces.
6. (Original) The electronic peripheral device as claimed in claim 1, wherein the first interface and the second interface are Universal Asynchronous Receiver/Transmitter (UART) interfaces.
7. (Original) The electronic peripheral device as claimed in claim 1, wherein the third interface is a Personal Computer Memory Card International Association (PCMCIA) interface.
8. (Original) The electronic peripheral device as claimed in claim 1, wherein the third interface is a Personal Component Interconnect (PCI) interface.
9. (Original) The electronic peripheral device as claimed in claim 1, wherein the third interface is a CardBus interface.
10. (Original) The electronic peripheral device as claimed in claim 1, wherein the third interface is a USB interface.
11. (Currently Amended) A network card for coupling to an electronic system, the electronic system being selectively coupled to a first wireless network or a second wireless network through the network card, comprising:
a first module for accessing the first wireless network, comprising a first interface; and
a second module for accessing the second wireless network, comprising:

a second interface coupled to the first interface for transmitting a plurality of first signals between the first module and the second module;

a third interface for coupling to the electronic system for transmitting the first signals or a plurality of second signals between the electronic system and the second module; and

a processor for controlling the transmission of the first signals and the second signals;

wherein when the electronic system is coupled to the first wireless network, the first module communicated with the electronic by the first signals; and when the electronic system is coupled to the second wireless network, the second module communicated with the electronic by the second signals.

12. (Original) The network card as claimed in claim 11, wherein the first wireless network is a GPRS network.

13. (Original) The network card as claimed in claim 11, wherein the first wireless network is a GSM network.

14. (Original) The network card as claimed in claim 11, wherein the second wireless network is a WLAN.

15. (Original) The network card as claimed in claim 11, wherein the first interface and the second interface are USB interfaces.

16. (Original) The network card as claimed in claim 11, wherein the first interface and the second interface are UART interfaces.

17. (Original) The network card as claimed in claim 11, wherein the third interface is a PCMCIA interface.

18. (Original) The network card as claimed in claim 11, wherein the third interface is a PCI interface.

19. (Original) The network card as claimed in claim 11, wherein the third interface is a CardBus interface.

20. (Currently Amended) A network card for coupling to a first connecting interface of an electronic system, the electronic system is selectively coupled to a first wireless network or a second wireless network through the network card,, the network card comprising:

a first wireless module for accessing the first wireless network; and

a second wireless module for accessing the second wireless network and coupling to the first wireless module, the second wireless module comprising:

a second connecting interface coupled to the first connecting interface; and

a processor for controlling the transmission between the electronic system and the first wireless module or the transmission between the electronic system and the second wireless module;

wherein when the electronic system is coupled to the first wireless network, the transmission between the electronic system and the first wireless module passing through the second wireless module; when the electronic system is coupled to the second wireless network, the transmission between the electronic system and the second wireless module transmitting directly.